

Sub
Cat

5 around at least one industrial local area network (6)
conveying deterministic traffic between various
programmed operating units (11, 10, 8, 4'), which units
process and store information which can be accessed by at
least one other programmed operating unit (11, 10) via
10 said architecture, said architecture being characterized
in that it includes various programmed operating units
(10, 8, 4') in particular comprising units situated at an
intermediate level (8) or at a process interface level or
at a site monitoring/control device level (4'), which
15 units individually include servers (9) of the HTTP type
so as to be capable of sending optionally interactive
computer documents in response to requests received from
another unit (11) of the system or from a computer, in
particular external to the system, equipped with an
20 HTTP/TCP/IP protocol stack and acting as a customer, in
the context of messaging traffic making use of the
25 transmission possibilities constituted by the time slots
left available by the deterministic traffic of the
industrial local area network(s) (6, 6') of the system,
without disturbing the priority interchange related to
the real time control of the process.

30 site units (18, 18', 18", 18"', 18''') are organized in
one or more clusters around at least one industrial local
✓ 5 area network (19) of the site bus type which is specific
to a cluster and which connects the units of the cluster
C. 7 to at least one shared programmed unit (17), optionally
35 serving as a gateway or as a router to another industrial
local area network (20) serving at least one other
10 programmed unit (14, 15) of a higher level of the

✓21

15

add a